



#5

SEQUENCE LISTING

<110> BROWN, ET AL.

<120> IDENTIFICATION OF MODULATORY MOLECULES
USING INDUCIBLE PROMOTERS

<130> AXIOM.016A

<140> 09/965,201

<141> 2001-09-25

<160> 1

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 6937

<212> DNA

<213> NUCLIEC ACID

<400> 1

gacggatcgg gagatctccc gatcccctat ggtcgactct cagtacaatc tgctctgatg
60

ccgcatagtt aagccagtat ctgctccctg cttgtgtgtt ggaggtcgct gagtagtgcg
120

cgagcaaaat ttaagctaca acaaggcaag gcttgaccga caattgcatg aagaatctgc
180

ttagggttag gcgtttttgcg ctgcttcgcg atgtacgggc cagatatacg cgttgacatt
240

gattattgac tagttattaa tagtaatcaa ttacggggtc attagttcat agcccatata
300

tggagttccg cgttacataa cttacggtaa atggcccgcc tggctgaccg cccaacgacc
360

cccgccatt gacgtcaata atgacgtatg ttcccatagt aacgccataa gggactttcc
420

attgacgtca atgggtggag tatttacggt aaactgccca cttggcagta catcaagtgt
480

atcatatgcc aagtagcccc cctattgacg tcaatgacgg taaatggccc gcctggcatt
540

atgccagta catgacctta tgggactttc ctacttgga gtacatctac gtattagtca
600

tcgctattac catggtgatg cgggttttggc agtacatcaa tgggcgtgga tagcggtttg
660

actcacgggg atttccaagt ctccacccca ttgacgtcaa tgggagtttg ttttgaacc
720

aaaatcaacg ggactttcca aaatgtcgta acaactccgc cccattgacg caaatgggag
 780
 gtaggcgtgt acggtgggag gtctatataa gcagagctct ccctatcagt gatagagatc
 840
 tccctatcag tgatagagat cgtcgacgag ctcgtttagt gaaccgtcag atcgccctgga
 900
 gacgccatcc acgctgtttt gacctccata gaagacaccg ggaccgatcc agcctccgga
 960
 ctctagcggt taaacttaag cttggtaccg cgccgcgatg ggccaagggg acgagagcga
 1020
 ggcgcacgtg atcaacgtgg gcggcacgag ccaccagacg taccgctcga cgctgcgcac
 1080
 gctgcccggc acgcggcttg cctggctggc agagccggac gccacagcc acttcgacta
 1140
 tgacccgcgt gccgacgagt tcttcttcga ccgccaccg ggcgctctcg ctacatcct
 1200
 gaactattac cgcaccggca agcttcaactg ccgggccgac gtgtgcgggc cgtctacga
 1260
 ggaggagctg gccttctggg gcatcgacga gacggacgtg gagccctgct gctggatgac
 1320
 ctatcgccag caccgagacg ctgaggaggc gctggacagc tttggcggtg cgcccttggg
 1380
 caacagcgcc gacgacgcgg acgccgacgg cccggcgac tcgggagacg gcgaggacga
 1440
 gctggagatg accaagagat tggcactcag tgactcccca gatggccggc ctggcggtt
 1500
 ctggcgccgc tggcaaccgc gcatctgggc gctgttcgag gaccctact catcccgcta
 1560
 cgcgcggtat gtggcctttg cctccctctt cttcatcctg gtctccatca caaccttctg
 1620
 tctggagact cagagcgct tcaaccccat cgtgaacaag accgaaatcg agaacgttcg
 1680
 aaacggcacc caagtgcggt actaccggga agcagagacg gaggccttcc tcacctacat
 1740
 cgagggcgtc tgcgtggtct ggttcacctt cgagttctc atgcgtgtcg tcttctgccc
 1800
 caacaagggtg gaattcatca agaactccct caatatcatt gactttgtgg ccattctccc
 1860
 cttctacctg gaggtgggac taagcggcct gtcctcaaaa gccgccaagg acgttctggg
 1920
 cttcctgcgc gtcgtccgct tcgtgcgcat cctgcgcac ttcaagctga cccgccactt
 1980
 cgtgggcctg agggctcctg gccacacgct ccgtgccagc accaacgagt tctgctgct
 2040
 tatcatcttc ctggccctgg gagtgtcat ctttgccacc atgatctact acgccgagag
 2100
 gataggggca cagcccaatg accccagcgc cagcgaacac acacacttta aaaacatccc
 2160

catcggcttc tgggtgggctg tgggtcaccat gacgacactg ggctatggag acatgtatcc
2220
ccagacgtgg tctggaatgc tgggtgggagc cttgtgtgct ctggctgggtg tgctgaccat
2280
tgccatgccg gtgcctgtca tcgtgaacaa ttttgggatg tactactctt tagccatggc
2340
taagcagaaa ctaccaaaga aaaaaaagaa gcatattccg cggccaccac agctgggagc
2400
tcccaattat tgtaaactctg tcgtaaactc tccacaccac agtactcaga gtgacacatg
2460
cccgtggcc caggaagaaa ttttagaaat taacagagca gattccaaac tgaatgggga
2520
ggtggcgaag gccgcgctgg cgaacgaaga ctgccccac atagaccagg ccctcactcc
2580
cgatgagggc ctgcccttta cccgctcggg caccgcgag agatacggac cctgcttctt
2640
cttatcaacc ggggagtagc cgtgcccacc tgggtggagga atgagaaagg atctttgcaa
2700
agaaagccct gtcattgcta agtatatgcc gacagaggct gtgagagtga cttgaccagg
2760
cggcttgccc gaggacactg gtggctatta agcatctggg tggacctgca gatatccagc
2820
acagtggcgg ccgctcgagt ctagagggcc cgcggttcga acaaaaactc atctcagaag
2880
aggatctgaa tatgcatacc ggtcatcatc accatcacca ttgagtttaa acccgtgat
2940
cagcctcgac tgtgccttct agttgccagc catctgttgt ttgccccctc cccgtgcctt
3000
ccttgaccct ggaaggtgcc actccactg tcctttccta ataaaatgag gaaattgcat
3060
cgcattgtct gagtaggtgt cattctattc tgggggggtg ggtggggcag gacagcaagg
3120
gggaggattg ggaagacaat agcaggcatg ctggggatgc ggtgggctct atggcttctg
3180
aggcggaaag aaccagctgg ggctctaggg ggtatcccca cgcgccctgt agcggcgcag
3240
taagcgcggc ggggtgtggtg gttacgcgca gcgtgaccgc tacacttgcc agcgcctag
3300
cgcccgctcc ttctgcttct ttccttctt ttctcgccac gttcgccggc tttccccgtc
3360
aagctctaaa tcggggcatc cctttagggg tccgatttag tgctttacgg cacctcgacc
3420
ccaaaaaact tgattagggg gatggttcac gtagtgggcc atcgccctga tagacggttt
3480
ttcgcccttt gacgttggag tccacgttct ttaatagtgg actcttggtc caaactggaa
3540
caacactcaa ccctatctcg gtctattctt ttgatttata agggattttg gggatttcgg
3600

cctattggtt aaaaaatgag ctgatttaac aaaaatttaa cgcaattaa ttctgtggaa
 3660
 tgtgtgtcag ttaggggtgtg gaaagtcccc aggctcccca ggcaggcaga agtatgcaaa
 3720
 gcatgcatct caattagtca gcaaccaggt gtggaaagtc cccagggtcc ccagcaggca
 3780
 gaagtatgca aagcatgcat ctcaattagt cagcaaccat agtcccggcc ctaactccgc
 3840
 ccataccggc cctaactccg cccagttccg cccattctcc gcccacatggc tgactaattt
 3900
 tttttattta tgcagaggcc gaggccgcct ctgcctctga gctattccag aagtagtgag
 3960
 gaggtttttt tggaggccta ggcttttgca aaaagctccc gggagcttgt atatccattt
 4020
 tcggatctga tcagcacgtg ttgacaatta atcatcggca tagtatatcg gcatagtata
 4080
 atacgacaag gtgaggaact aaaccatggc caagttgacc agtgccgttc cggtgctcac
 4140
 cgcgcgcgac gtcgccggag cggtcgagtt ctggaccgac cggctcgggt tctcccgga
 4200
 cttcgtggag gacgacttcg ccggtgtggt ccgggacgac gtgaccctgt tcatcagcgc
 4260
 ggtccaggac caggtggtgc cggacaacac cctggcctgg gtgtgggtgc gcggcctgga
 4320
 cgagctgtac gccgagtggc cggaggtcgt gtccacgaac ttccgggacg cctccgggcc
 4380
 ggccatgacc gagatcggcg agcagccgtg ggggcgggag ttccgacctgc gcgacccggc
 4440
 cggcaactgc gtgcacttcg tggccgagga gcaggactga cacgtgctac gagatttcga
 4500
 ttccaccgcc gccttctatg aaagggtggg cttcggaatc gttttccggg acgccggctg
 4560
 gatgatectc cagcgcgggg atctcatgct ggagttcttc gccaccccca acttgtttat
 4620
 tgcagcttat aatgggtaca aataaagcaa tagcatcaca aatttcacaa ataaagcatt
 4680
 tttttcactg cattctagtt gtggtttgtc caaactcact aatgtatctt atcatgtctg
 4740
 tataccgtcg acctctagct agagcttggc gtaatcatgg tcatagctgt ttctgtgtg
 4800
 aaattgttat ccgctcaciaa ttccacaciaa catacgagcc ggaagcataa agtgtaaagc
 4860
 ctgggggtgcc taatgagtga gctaactcac attaattgcg ttgcgctcac tgcccgttt
 4920
 ccagtcggga aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg
 4980
 cggtttgcgt attgggcgct cttccgcttc ctcgctcact gactcgtgc gctcggctcgt
 5040

tcggctgcgg cgagcgggtat cagctcactc aaaggcggta atacggttat ccacagaatc
 5100
 aggggataac gcaggaaaga acatgtgagc aaaaggccag caaaaggcca ggaaccgtaa
 5160
 aaaggccgcg ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa
 5220
 tcgacgtca agtcagaggt ggcgaaaccc gacaggacta taaagatacc aggcgtttcc
 5280
 ccctggaagc tcctcgtgc gctctcctgt tccgaccctg ccgcttaccg gatacctgtc
 5340
 cgcttttctc ccttcgggaa gcgtggcgt ttctcaatgc tcacgctgta ggtatctcag
 5400
 ttcggtgtag gtcgttcgct ccaagctggg ctgtgtgcac gaaccccccg ttcagcccg
 5460
 ccgctgcgcc ttatccggta actatcgtct tgagtccaac ccgtaagac acgacttctc
 5520
 gccactggca gcagccactg gtaacaggat tagcagagcg aggtatgtag gcggtgctac
 5580
 agagttcttg aagtgggtggc ctaactacgg ctacactaga aggacagtat ttggtatctg
 5640
 cgctctgctg aagccagtta ccttcggaaa aagagttggt agctcttgat ccggcaaaca
 5700
 aaccaccgct ggtagcggtg gtttttttgt ttgcaagcag cagattacgc gcagaaaaaa
 5760
 aggatctcaa gaagatcctt tgatcttttc tacgggggtct gacgctcagt ggaacgaaaa
 5820
 ctcacgttaa gggattttgg tcatgagatt atcaaaaagg atcttcacct agatcctttt
 5880
 aaattaaaaa tgaagtttta aatcaatcta aagtatatat gagtaaactt ggtctgacag
 5940
 ttaccaatgc ttaatcagtg aggcacctat ctcagcgatc tgtctatttc gttcatccat
 6000
 agttgcctga ctccccgtcg tgtagataac tacgatacgg gagggcttac catctggccc
 6060
 cagtgtgca atgataccgc gagaccacg ctcaccggct ccagatttat cagcaataaa
 6120
 ccagccagcc ggaagggcgg agcgcagaag tggtcctgca actttatccg cctccatcca
 6180
 gtctattaat tgttgccggg aagctagagt aagtagttcg ccagttaata gtttgcgcaa
 6240
 cgttgttgcc attgctacag gcatcgtggg gtcacgctcg tcgtttggtg ttgcttcatt
 6300
 cagctccggt tcccaacgat caaggcgagt tacatgatcc cccatgttgt gcaaaaaagc
 6360
 ggtagctcc ttcggtcctc cgatcgttgt cagaagtaag ttggccgcag tggtatcact
 6420
 catggttatg gcagcactgc ataattctct tactgtcatg ccatccgtaa gatgcttttc
 6480

tgtgactggg gagtactcaa ccaagtcatt ctgagaatag tgtatgcggc gaccgagttg
6540
ctcttgcccg gcgtcaatac gggataatac cgcgccacat agcagaactt taaaagtgt
6600
catcattgga aaacgttctt cggggcgaaa actctcaagg atcttaccgc tggtgagatc
6660
cagttcgatg taaccactc gtgcacccaa ctgatcttca gcatctttta ctttcaccag
6720
cgtttctggg tgagcaaaaa caggaaggca aaatgccgca aaaaagggaa taagggcgac
6780
acggaaatgt tgaataactca tactcttctt ttttcaatat tattgaagca tttatcaggg
6840
ttattgtctc atgagcggat acatatttga atgtatttag aaaaataaac aaataggggt
6900
tccgcgcaca tttccccgaa aagtgccacc tgacgtc
6937